



# National Weather Service

## Storm Data and Unusual Weather Phenomena



August 1999

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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### CONNECTICUT, Northeast

<b>Hartford County</b>									
Farmington to Burlington	05	1425EST 1436EST			0	0			Thunderstorm Wind (G50)
<b>Hartford County</b>									
Unionville	05	1428EST			0	0			Hail(1.00)
<b>Windham County</b>									
Pomfret to Killingly Center	05	1445EST 1450EST			0	0			Hail(1.50)
<b>Windham County</b>									
Pomfret to Packerville	05	1450EST			0	0			Thunderstorm Wind (G50)

Severe thunderstorms produced large hail and damaging winds in northern Connecticut. In Hartford County, the storms produced quarter size hail in Unionville, and downed trees and large branches in Farmington, Unionville, Hartford, and Burlington. As the storms moved across Windham County, they produced hail as large as ping pong balls in Pomfret, and hail the size of quarters in Killingly. Thunderstorm winds also downed trees in Pomfret.

### MASSACHUSETTS, Central and East

<b>Middlesex County</b>									
Sudbury	05	1300EST			0	0			Hail(0.75)
<b>Middlesex County</b>									
Waltham	05	1318EST			0	0			Hail(0.75)
<b>Middlesex County</b>									
Watertown	05	1345EST			0	0			Thunderstorm Wind (G50)
<b>Worcester County</b>									
Gardner	05	1408EST			0	0			Hail(1.00)
<b>Norfolk County</b>									
Bellingham	05	1528EST			0	0			Hail(0.75)
<b>Norfolk County</b>									
Bellingham	05	1537EST 1545EST			0	0			Thunderstorm Wind (G50)
<b>Norfolk County</b>									
Braintree	05	1620EST			0	0			Lightning
<b>Bristol County</b>									
Taunton to Norton	05	1640EST 1650EST			0	0			Hail(0.75)

Severe thunderstorms moved through portions of central and eastern Massachusetts during the afternoon and early evening. In Middlesex County, dime size hail was reported in Sudbury and Waltham, and thunderstorm winds downed trees and branches in Watertown. Quarter size hail fell in Gardner, in Worcester County. Severe thunderstorms in Norfolk County downed trees and branches in Bellingham, and also dropped dime size hail. Lightning struck the Braintree police station, knocking out several non-emergency phone lines and computer systems for almost five hours. In Bristol County, dime size hail fell in Norton, and also at the National Weather Service office in Taunton.

<b>Dukes County</b>									
West Tisbury to Oak Bluffs	08	1045EST 1130EST			0	0			Thunderstorm Wind (G70)

An isolated severe thunderstorm which caused wind damage on Long Island moved northeast, across Marthas Vineyard between 1145 am and 1230 pm, and produced several microbursts from West Tisbury to Oak Bluffs, according to a storm damage survey. The first microburst struck a small area in West Tisbury, in the vicinity of New Lane and Edgartown-West Tisbury Road. This microburst downed trees of two to four feet in diameter along a path which was 1600 feet long and 50 feet wide. Large branches



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### MASSACHUSETTS, Central and East

were also downed. Several small pane windows were blown out in a small barn and the neighboring house, and some shingles were removed from the roof.

The second, and most intense microburst struck at the corner of Ryans Way and Edgartown-Vineyard Haven Road. Initially, it was only 40 to 50 feet wide, but at its most intense stretch grew to a width of approximately 1000 feet. Large trees were snapped at their bases, while other trees had large limbs snapped off. Side moulding was peeled off one home, which also had its television antenna mast snapped in half. Damage to trees and some structures associated with this microburst extended for nearly three and a half miles, ending in the vicinity of Farm Pond before exiting the east shore of Oak Bluffs.

A third and isolated microburst struck Dodgers Hole Road. It produced a very intense, but isolated area of damage approximately 300 feet long by 300 feet wide. This area experienced downed and uprooted trees along with many snapped branches from 15 to 30 feet above the ground. One resident reported that a gas grill was thrown about 8 feet across the deck of his home. No structural damage occurred to the home.

Estimates of the wind place the peak gusts just over 80 mph, based upon the nature of the wind damage. Some of the damage was similar to what was observed during Hurricane Bob in 1991.

### NEW HAMPSHIRE, Southern

#### Cheshire County

Walpole	17	2005EST			0	0			Thunderstorm Wind (G50)
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#### Hillsborough County

Manchester	17	2126EST			0	2			Lightning
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A severe thunderstorm downed trees in Walpole. As other thunderstorms moved into Hillsborough County, two men were struck by lightning in Manchester as they were sitting in their home.

### RHODE ISLAND

#### Providence County

Johnston to Providence	26	1930EST 2000EST			0	0			Flash Flood
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Pocasset River

A cluster of stationary thunderstorms, which developed in a warm and moist tropical airmass, produced localized flash flooding and tremendous urban flooding when 4 to 6 inches of rain fell in a period of just over two hours, from 630 to 9 pm. Flash flooding along the Pocasset River in Johnston resulted in several localized evacuations. In Johnston, a small bridge over the Pocasset River was damaged around 845 pm. Widespread street flooding put cars beneath feet of water in poor drainage locations of Routes 5, 6, 6A, and on portions of Interstates 95 and 195 in Providence and Johnston.